

Name: _____

at1110paper__practice__test (v28)

1. Solve the equation.

$$(4x + 5)(7x + 3) = 0$$

2. Factor the expression.

$$9x^2 - 64$$

3. Expand the following expression into standard form.

$$(9x + 8)(9x - 8)$$

4. Solve the equation with factoring by grouping.

$$8x^2 - 12x - 10x + 15 = 0$$

5. Expand the following expression into standard form.

$$(3x - 7)^2$$

6. Expand the following expression into standard form.

$$(2x + 9)(8x - 7)$$

7. Solve the equation.

$$6x^2 + 10x - 1 = 4x^2 + 5x + 2$$

8. Factor the expression.

$$x^2 + 14x + 45$$